

IN THE SPECIFICATION:

Please replace the paragraph at page 7, lines 1-13 with the following:

FIG. 1 shows the relationship between rays and the (3D) image reproduced from the rays. Ray emission points 1 are arranged at high density on plane P to form a sequence of ray emission points. The rays emitted from the ray emission points 1 ~~intersect~~ intersect with each other in the air. Since the spacing between individual rays are very narrow, the plurality of rays forming intersections enter the eye of an observer 3 simultaneously. Consequently, the observer 3 views them as a light flux and thus recognizes the ray intersection as a point image. A large collection of such ray intersections recognized as point images forms a 3D image 2.

Please replace the paragraph at page 14, lines 8-19 with the following:

So, as shown in FIG. 11, an area board 4 with a size equivalent to the area of existence of the emission points is provided, the angle of view of the imaging system is adjusted such that the area board 4 falls within the angle of view from any viewing point, and the area board 4 is ~~shot imaged~~ together with the object 2. Then by clipping the area that corresponds to the area board 4 out of the acquired image, only the image information in the area of existence of the emission points can be obtained.